

Weekly Report (2013.12.2~12.8)

Done

- 1) Discussed several times about my research, main idea unchanged but still without a clear blue print.

The final work might be something like Figure 1:

- a) The Big data(e.g. streamline, social network and trading data ...) is represented by a graph, where the vertices represent for clusters of the primitives and edges represent for the relations between them.
- b) Sketch can be used to facilitate the generation of the graph or to search a certain pattern.
- c) The graph can be used to convey the relations inside the data or facilitate the interaction (make it more convenient and meaningful).

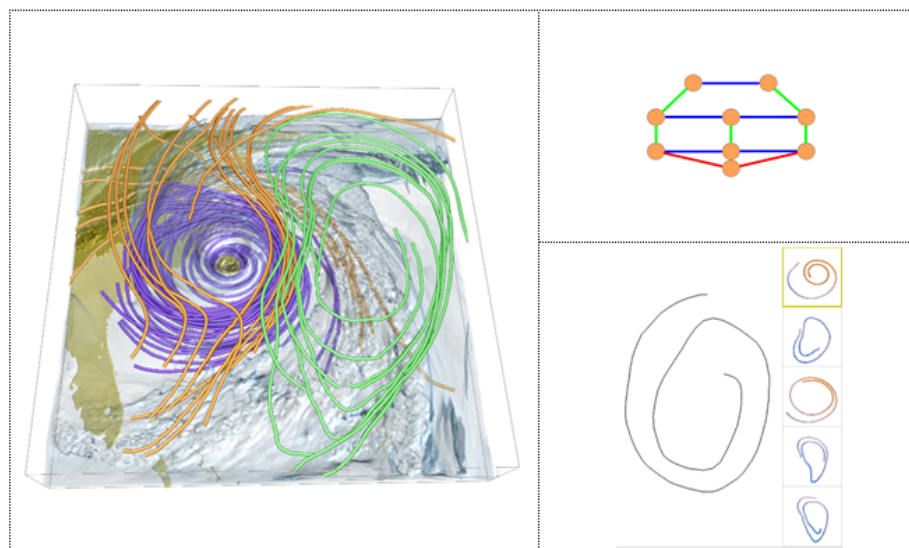


Figure 1 Concept map of the work.

- 2) Read two papers: "Interpreting Concept Sketches" and "Generating and Exploring Good Building Layouts". The former one is more relevant, but still a little far from our idea, it only cares about the relation between the proxy geometry to help convey the design. About the book "众包 2", I have read about 1/3. Many wonderful cases to illustrate the "wisdom of crowds", it is more commercial than technical, but I think it is very instructive about what we can do with "wisdom of crowds" and may be helpful in later research.
- 3) For the Meteorological Project, I ask Tianye to make the first attempt of transfer the code I extracted from VisNgin last time to an Equalizer edition, and expecting some progress or difficulty.

Actually, when we begun to do the migration, we are facing a lot of problems.

Where to put the LOD structure of "QuadTile", in the sever side or in the node side?

Also, who is responsible for load the data, such as the textures, from the database?

...

I spent the whole Friday, looking into the guide of Equalizer, try to find out the solution.

But this is still not done yet.

To Do

- 1) Try to finish the migration, make the basis of VisNgin parallel.
- 2) Think and read papers about my research.